

CLAIMS

I claim:

1. A method of using hop acids as an antimicrobial agent for a food processing facility, comprising:

5 delivering the hop acids in detergents and cleaners for use in controlling microorganisms in food processing facility, wherein the hop acids are mixed with the biodegradable detergent in an amount to inhibit certain types of microbial organisms.

2. The method of claim 1, wherein the microbial organisms are *Staphylococcus aureus* and *Listeria monocytogenes*.

10 3. The method of claim 1, wherein the hop acids are hexahydroisoalpha acids.